

ABSTRACT OF THE DISCLOSURE

These compositions are new synthetic peptides and antibodies which are potent chemotactic agents for human neutrophils, and methods for their use. The specificity of these peptides is amino acid sequence specific for binding to a heretofore unidentified
5 receptor on the surface of neutrophils. Neutrophil response to this peptide is specific, since monocytes and fibroblasts do not show any expression of this receptor. Antibodies against these peptides block the chemotactic response. Such antibodies are useful to modulate neutrophil recruitment to a wound site for enhancing or inhibiting inflammation and early effects of wound healing.